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PTO/SB/05 (11-00)

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No	18894-07
First Inventor	Gert Lynge Nielsen
Title	LOW PHASE NOISE FREQUENCY CONVERTER
Express Mail Label No	EL752183498US

J1046 U.S. PTO
09/89430
07/05/01

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Application claims small entity status See 37 CFR 1.27</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 36] (Preferred arrangement set forth below)</p> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 7]</p> <p>5. Oath or Declaration [Total Pages 2]</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)</p> <p>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application. see 37 CFR 1.63(d)(2) and 1.33(b)</p> <p>6. <input type="checkbox"/> Application Data Sheet See 37 CFR 1.76</p>		<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (If applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies), or ii. <input type="checkbox"/> Paper </p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p>	
ACCOMPANYING APPLICATION PARTS			
<p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input checked="" type="checkbox"/> Power of Attorney</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations</p> <p>13. <input checked="" type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (If foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Request and Certification under 35 U S C. 122 (b)(2)(B)(i) Applicant must attach form PTO/SB/35 or its equivalent Certificate of Express Mail:</p> <p>17. <input checked="" type="checkbox"/> Other. <input type="checkbox"/> Power of Attorney</p>			

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

Continuation Divisional Continuation-in-part (CIP) of prior application No. _____ / _____

Prior application information

Examiner _____

Group/Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

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Name (Print/type)	Alan L. Cassel	Registration No. (Attorney/Agent)	35,842
Signature			
Date	July 5, 2001		

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT	(\$) 395.00	Attorney Docket Number	18894-07
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METHOD OF PAYMENT (check one)				FEES CALCULATION (continued)																																																																																																																																																									
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to Deposit Account Number <input type="text" value="01-2384"/></p> <p>Deposit Account Name <input type="text"/></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.16 and 1.17</p>				<p>3 ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65 Surcharge - late filing fee or oath</td><td><input type="text"/></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25 Surcharge-late provisional filing fee or cover sheet</td><td><input type="text"/></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130 Non-English specification</td><td><input type="text"/></td></tr> <tr><td>147</td><td>2520</td><td>147</td><td>2520 For filing a request for ex parte reexamination</td><td><input type="text"/></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920* Requesting publication of SIR prior to Examiner action</td><td><input type="text"/></td></tr> <tr><td>113</td><td>1840*</td><td>113</td><td>1840* Requesting publication of SIR after Examiner action</td><td><input type="text"/></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55 Extension for reply within first month</td><td><input type="text"/></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195 Extension for reply within second Month</td><td><input type="text"/></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445 Extension for reply within third month</td><td><input type="text"/></td></tr> <tr><td>118</td><td>1390</td><td>218</td><td>695 Extension for reply within fourth month</td><td><input type="text"/></td></tr> <tr><td>128</td><td>1890</td><td>228</td><td>945 Extension for reply within fifth month</td><td><input type="text"/></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155 Notice of Appeal</td><td><input type="text"/></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155 Filing a brief in support of an appeal</td><td><input type="text"/></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135 Request for oral hearing</td><td><input type="text"/></td></tr> <tr><td>138</td><td>1510</td><td>138</td><td>1510 Petition to institute a public use proceeding</td><td><input type="text"/></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55 Petition to revive – unavoidable</td><td><input type="text"/></td></tr> <tr><td>141</td><td>1240</td><td>241</td><td>620 Petition to revive – unintentional</td><td><input type="text"/></td></tr> <tr><td>142</td><td>1240</td><td>242</td><td>620 Utility issue fee (or reissue)</td><td><input type="text"/></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220 Design issue fee</td><td><input type="text"/></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300 Plant issue fee</td><td><input type="text"/></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130 Petitions to the Commissioner</td><td><input type="text"/></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50 Petitions related to provisional applications</td><td><input type="text"/></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180 Submission of Information Disclosure Stmt</td><td><input type="text"/></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40 Recording each patent assignment per property (times number of properties)</td><td><input type="text"/></td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355 Filing a submission after a final rejection (37-CFR 1.129(a))</td><td><input type="text"/></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355 For each additional invention to be examined (37 CFR 1.129(b))</td><td><input type="text"/></td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355 Request for Continued Examination (RCE)</td><td><input type="text"/></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900 Request for expedited examination of a design application</td><td><input type="text"/></td></tr> <tr><td colspan="4">Other fee (specify) _____</td><td><input type="text"/></td></tr> </tbody> </table>				Large Entity Fee Code (\$)	Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205	65 Surcharge - 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SUBMITTED BY				Complete (if applicable)	
Name (Print/Type)	Alan L. Cassel	Registration No. (Attorney/Agent)	35,842	Telephone	314-621-5070
Signature				Date	July 5, 2001

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18894-07

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THE COMMISSIONER OF PATENTS AND TRADEMARKS

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Date of Mailing: July 5, 2001

I certify that the attached complete utility patent application of **GERT LYNGE NIELSEN** for **LOW PHASE NOISE FREQUENCY CONVERTER**, which claims the benefit of U.S. Provisional Application No. 60/216,197 filed July 6, 2000, and U.S. Provisional Application No. 60/230,675 filed September 7, 2000, including:

- Utility Patent Application Transmittal (1 pg.)
- Fee Transmittal (1 pg., in duplicate)
- Application: Specification (29 pgs.); Claims (6 pgs.); and Abstract (1 pg.)
- Seven (7) sheets of drawings
- Preliminary Amendment (2 pgs.)
- Declaration and Power of Attorney (2 pgs.)
- Assignment (3 pgs.); Recordation Form Cover Sheet (1 pg., in duplicate)
- Return post card

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to Box PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231.



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